S/138/60/000/011/005/010
A051/A029

Mastication of Natural Rubber in the Presence of Para-Tertiary Butylphenolmercaptane, Dimethylphenylparacresolmercaptane, Their Zinc Salts and Disulfides

Fig. 3 (continued)
Vertical legend: Plasticity
Horizontal legend: Temperature of the rollers, °C
Effect of processing temperature on the NR mastication on rollers for a period of 10 min in the presence of accelerators of mastication (dosage 0.3 w.p. to 100 w.p. of rubber):
a-mastication accelerators of the group of paratertiary butylphenolmercaptane: 1-without accelerator, 2-paratertiary butylphenolmercaptane, 3-zinc salt, 4-disulfide
b-mastication accelerators of the group of dimethylphenylparacresolmercaptane: 1-without accelerator, 2-dimethylphenylparacresolmercaptane, 3-zinc salt, 4-disulfide.

Card 10/10

15 9300 29039 S/081/61/000/015/130/139
B102/B101

AUTHORS: Yarmin, B. K., Vinitskiy, L. Ye. Epshteyn, V. G.

TITLE: Change of structural inhomogeneity of rubbers in the vulcanization process

PERIODICAL: Referativnyy zhurnal Khimiya, no. 15, 1961, 602, abstract 15P372 (Sb. "Vulkanizatsiya rezin. izdeliy". Yaroslavl', 1960, 108 - 113)

TEXT: A variation-statistical method was used to evaluate the inhomogeneity of sulfur vulcanizates of HK(NK) and CKMC-30(SKMS-30) with Captax, diphenyl guanidine, Altax, and БТ(BT) sulfonamide. The root-mean-square spread and the coefficient of variability were calculated. The structural inhomogeneity was determined from the decrease in relative elongation that occurs when the temperature is raised from 20 to 100°C. The inhomogeneity increases sharply after the optimum, and decreases with decreasing amount of S and increasing amount of accelerator. Rubbers with diphenyl guanidine are less inhomogeneous than those with thiuram. The structural inhomogeneity of vulcanizates is due to the existence of weakened points in the structure which is

Card 1/2

28039
S/081/61/000/015/130/139
B102/B101

Change of structural inhomogeneity...

verified by the high inhomogeneity of thick specimens. The increase in inhomogeneity on polymerization is one of the reasons for the existence of [illegible] optimum. [Abstracter's note: Complete translation.]

Card 2/2

31978

S/081/61/000/023/053/061
B106/B101

112230

AUTHORS: Betts, G. E., Gubenko, I. B., Karmin, B. K., Lukashevich, I. R., Markova, L. M., Segalevich, A. Ye., Troitskaya, N. I., Chernozhukov, N. I., Guseva, V. I.

TITLE: Test of petroleum products as plasticizer fillers for rubber compounds from divinyl styrene rubber. Communication I

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 560, abstract 23P346. (Tr. N.-i. in-ta shin. prom-sti, sb. 5, 1960, 5-20)

TEXT: For the purpose of examinin the possibility of enlarging the raw material basis for the production of olefin rubber, a study has been made of the effect of paraffin-naphthene hydrocarbons (I) and aromatics (II), isolated from different kinds of petroleum at different stages of processing, on the physicomechanical properties of standard rubbers from DMC-30A (SKS-30A). Addition of I and II in an amount of 35% to a mixture of rubber and softener deteriorates the physicomechanical properties of vulcanizates and enhances their elasticity. The tensile strength of rubber containing I drops from 274 (standard rubber) to 173 - 226 kgf/cm^2 while

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Test of petroleum products...

its tear resistance drops from 81 to 47 - 54 kgf/cm. The tensile strength of rubber containing II drops to 200 - 245 kgf/cm^2 and its tear resistance to 52 - 64 kgf/cm. The thermal stability and the bonding strength of doubled rubbers decrease substantially after vulcanization. High-molecular products of comparatively higher viscosity deteriorate the strength properties of rubber less than do low-molecular ones. A test of 29 products, obtained from differently processed petroleum asphalts, deasphalted products, distillates, and raffinates, have shown that the most interesting of these products are a deasphalted petroleum asphalt, the residual high-viscosity oil, a secondary raffinate, and an aviation tar. These products ensure satisfactory physicomechanical properties, elasticity, and brittleness temperature (-50°C) of vulcanizates. [Abstracter's note: Complete translation.]

Card 2/2

TROITSKAYA, N.I.; KARMIN, B.K.

Effect of acids constituting the base of emulsifiers used in emulsion polymerization on the structure, strength, and elastic properties of butadiene-styrene synthetic vulcanizates. Kauch. i rez. 24 no.11:6-10 '65. (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.

ACCESSION NR: AP4015074 S/0138/64/000/001/0010/0014

AUTHORS: Kuperman, F. Ye.; Karmin, B. K.

TITLE: Peculiarities in fatigue properties of vulcanized rubbers on the base of carboxyl containing rubbers (Presented at the third conference on chemistry and technology of rubber and its vulcanizates. Yaroslavl', December 17, 1960)

SOURCE: Kauchuk i rezina, no. 1, 1964, 10-14

TOPIC TAGS: rubber, vulcanized rubber, methacrylic acid, magnesium oxide, zinc oxide, thiuram, sulfur, butadiene, styrene, static deformation, dynamic deformation, fatigue, creep, orientation, scorching

ABSTRACT: Filled vulcanizates of the protector type were investigated. These consisted mainly of a butadiene (70%) - styrene (30%) copolymer, containing in most instances 0.5, 0.8, and 1.25% methacrylic acid, 2.5% MgO, 1% ZnO, 2.5% thiuram, and 1% sulfur. The filler consisted of 20% (by weight) channel carbon black and 20% gas chimney carbon black. It was found that the creep (at 140C under constant load) of the test samples decreased with an increase in methacrylic acid content, while the durability and resistance to stretch fatigue went up

Card 1/2

ACCESSION NR: AP4015074

sharply. On the other hand, under the effect of a reversed bending test with a twist, the durability of the vulcanizates decreased with higher methacrylic acid content. The authors attribute this to a higher modulus of internal friction. Since it is also known that substantial scorching takes place in the process of vulcanization of rubbers containing carboxyl groups, the authors recommend limiting the methacrylic acid content in butadiene-styrene rubbers to 0.5-0.8%. Orig. art. has: 8 charts and 1 table.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promy*shlennosti (Scientific Research Institute of the Tire Industry)

SUBMITTED: 00 DATE ACQ: 26Feb64 ENCL: 00

SUB CODE: CH NO REF SOV: 008 OTHER: 005

Card 2/2

L 31999-65 EWT(m)/EPF(c) /EWP(j)/T Pc-4/Pr-4 GS/RM

ACCESSION NR: AT5004100 S/0000/64/000/000/0107/0129

AUTHOR: Kuperman, F. Ye; Karmin, B. K.

TITLE: The effect of rubber-carbon black structures on the wear-resistance of vulcanizates based on cis-butadiene rubber SKD

SOURCE: Nauchno-tekhnicheskoye soveshchaniye po friktsionnomu iznosu rezin. Moscow, 1961. Friktsionnyy iznos rezin (Frictional wear of rubber); sbornik statey. Moscow, Izd-vo Khimiya, 1964, 107-129

TOPIC TAGS: synthetic rubber, butadiene rubber, rubber wear, frictional wear, carbon black, rubber structure, rubber mechanical property

ABSTRACT: The wear resistance and thermo-mechanical properties of polycis-butadiene rubber SKD and other synthetic rubbers were experimentally studied and related to the cross linked structure formed by rubber and carbon black. The study covered uncured rubber and vulcanizates of SKD, natural rubber, SKB (sodium catalyzed polybutadiene), butadiene-styrene copolymers and some other synthetic rubbers, or compositions of SKD with other rubbers, unfilled or with 80-100% KhAF

Card 1/3

L 31996-65 EWT(m)/EEC(c)/EWP(j)/T Pc-4/Pr-4 RM/GS

ACCESSION NR: AT5000102 S/0000/64/000/000/0170/0173

AUTHOR: Guseva, V.I.; Akutin, M.S.; Zaripova, M.G.; Karmin, B.K.; Kozlova, V.I.; Smirnova, L.N.; Yevstratov, V.F.

TITLE: Wear resistance of vulcanizates based on some new rubber-resin compositions.

SOURCE: Nauchno-tekhnicheskoye soveshchaniye po friktsionnomu iznosu rezin. Moscow, 1961. Friktsionnyy iznos rezin (Frictional wear of rubber); sbornik statey. Moscow, Izd-vo Khimiya, 1964, 170-173

TOPIC TAGS: synthetic rubber, rubber wear, frictional wear, rubber resin vulcanizate, rubber filler, carbon black, rubber mechanical property, butadiene styrene rubber, urea formaldehyde resin, epoxyamine resin

ABSTRACT: The wear resistance and thermo-mechanical properties of vulcanized butadiene-styrene rubber SKS-30ARK, its mixture with epoxyamine resin 89 and urea-formaldehyde resin MFA-155, and also the mechanical properties of the non-vulcanized mixture were studied to establish compositions for optimal service and processing properties. Resin 89 was added to the latex. Tensile strength, relative elongation, residual

Card 1/2

L 31996-65

ACCESSION NR: AT5004102

elongation, and modulus at 300% elongation were measured at 20 and 100C, tear strength at 100C, rebound resilience at 20 and 100C, and hardness, friction and dynamic modulus, and wear resistance on the IMI-1 wear tester. The addition of 8% resin 89 markedly improved the mechanical properties and particularly the wear resistance of the vulcanizate, and with additions of 2-20% resin smaller amounts of channel black were required to produce vulcanizates with optimum physical-mechanical properties. Vulcanizates with 8% resin 89 and 45% carbon black showed marked improvement in wear resistance and mechanical parameters except for a decrease in tear strength. The rubber-resin latex, however, showed a significant decrease in extrudability and calendering capacity. Addition of non-specified amount of resin MFA-155 doubled the tensile strength of the latex. Vulcanizates based on the rubber-resin composition with 30% carbon black KhAF had improved aging stability, thermal stability, tear strength, and wear resistance as compared with vulcanizates prepared without resin and with 50% KhAF. Wear of resin-rubber compositions was very little affected by an increase in temperature. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: None

SUBMITTED: 05Aug64 ENCL: 00 SUB CODE: MT

NO REF SOV: 002 OTHER: 002

Card 2/2

L 31999-65

ACCESSION NR: AT6004100

channel black per 100% rubber. Viscosity was determined at 70-140C on a rotary viscometer, 20-120C elastic recovery on a compression plastometer and defometer, dynamic properties at 40-120C under symmetric flexing at 3000 rpm and 20% deformation, wear under multiple dynamic elongation at 20C on the MRS testing machine, creep under 5 kg/cm^2 loads at 140C, and abrasion under rolling friction with various friction surfaces on the IMI-3 tester. Voet and Surlani's correlation for the Mooney viscosity of filled and unfilled rubbers (Am. Ink. Maker 30, #5, 37, 1952) was used to evaluate the formation of crosslinkages between rubber and carbon black, and the experimental results indicated the high degree of crosslinking in SKD as compared with the other rubber types studied. Similarly, the presence of a highly developed crosslinking net in carbon black filled SKD and the high thermal stability of this net was confirmed by the tests for elastic recovery, thermal stability of elastic properties, Defo elasticity, loss of mechanical properties under dynamic loading, wear resistance under multiple deformation, creep, and resistance to wear under rolling friction. Mechanical characteristics and wear resistance improved with the amount of carbon black. The properties of SKD were better than those of the other rubbers studied, whose admixture to SKD caused a decrease in physical para-

Card 2/3

L 31999-65

ACCESSION NR: AT5004100

3

meters, thermal stability and wear resistance. The good performance of SKD is ascribed to stereoregularity and crosslinking and can not be explained by mechanical strength, resistance to thermal-oxidative aging or elasticity, since the quality of SKD in this respect is lower than or similar to, respectively, that of butadiene-styrene copolymer. "The authors acknowledge the assistance of Yu. A. Shegterkina and E. A. Anfimova in the experimental study." Orig. art. has: 20 figures, 7 tables and 4 formulas.

ASSOCIATION: None

SUBMITTED: 05Aug64 ENCL: 00 SUB CODE: MT

NR REF SOV: 010 OTHER: 014

Card 3/3

KARMIN, M., kand. sel'skokhoz. nauk

Cultivation practices for green fallows. Zemledelie 27 no.1:33-35 Ja '65. (MIRA 18:3)

1. Eston skaya sel'skokhozyaystvennaya akademiya.

LESOV, Yu.; KARMIN, V.

Mechanizing the maintenance of motor vehicles. Avt.transp. 38 no.6: 21-23 Je '60. (MIRA 14:4)

1. Glavnyy inzh.Upravleniya torgovogo transporta Glavmosavtotransa (for Lesov). 2. Glavnyy inzh. 12-y avtobazy Mostorgtransa (for Karmin).
(Moscow--Motor vehicles--Maintenance and repair)

KAGANOV, S.Yu.; BELYAYEVA, Ye.D.; PEN, R.M.; DOGEL', N.V.; MIZERNITSKAYA, O.N.; KARMINOVA, Z.A.

Some problems in the pathogenesis, clinical aspects, and treatment of bronchial asthma in children. Vop.okh.mat. i det. 4 no.4:46-50 Jl-Ag '59. (MIRA 12:12)

1. Iz klinicheskogo otdela (zav. - dotsent N.P. Savvatimskaya) Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo instituta (ispolnyayushchiy obyazannosti direktora - kand.med.nauk A.P. Chernikova, zamestitel' direktora po nauchnoy chasti - prof. N.R. Shastin). (ASTHMA)

KARMINOVA, Z.A.

External respiratory function in various stages of asthma in school children. Pediatriia 37 no.6:38-42 Je '59.
(MIRA 12:9)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR (dir. - kand.med.nauk V.N.Karachevtseva).

(ASTHMA, in inf. & child.
resp. in various stages (Rus))

KAGANOV, S.Yu.; KARMINOVA, Z.A.

Development of pyopneumothorax in a child during an asthmatic attack. Vop. okh. mat. i det. 6 no.10:88-90 O '61. (MIRA 14:11)

1. Iz klinicheskogo otdela (zav. - dotsent N.P.Savvatinskaya) Nauchno-issledovatel'skogo pediatricheskogo instituta (ispolnyayushchiy obyazannosti direktora - doktor meditsinskikh nauk A.P.Chernikova, zamestitel' direktora po nauchnoy chasti - prof. N.R.Shastin).
(ASTHMA) (PNEUMOTHORAX) (EMPYEMA)

POLAND

ZWIERZ, J., KARMINSKA, K., and KONARSKA, D., Leptospirosis Research Office, Veterinary Institute (Zaklad Badan nad Leptospiroza I. Wet.) Wroclaw. Prof. Dr. J. Zwierz, Head.

"Leptospirosis Antibodies in the Serum of Animals and Humans"

Lublin, Medycyna Weterynaryjna, Vol 22, No 3, 1966, pp 154-157.

Abstract: The authors tested 2,791 humans and 11,867 animals for leptospirosis. Positive agglutination test results were found in 41.7% of horses, 15.16% of cattle, 62.54% of dogs, 45.12% of foxes, 15.16% of pigs 2.49% of sheep and 32.28% of humans. According to the literature, this is the first study of its kind.
Contains a summary in English, 2 Tables and 38 Polish references.

1/1

KARMINSKI, Gj., (Dubrovinik)

History of the lumbar puncture with special reference to diagnosis of syphilis of the central nervous system. Neuropsihijatrija 4 no.1:50-54 1956.

(CENTRAL NERVOUS SYSTEM, dis.
syphilis, diag. lumbar puncture, hist. (Ser))
(SYPHILIS,
CNS, diag., lumbar puncture, hist. (Ser))

KARMINSKI, G.

Consideration on historical development of the concept tabes dorsalis. Neuropsihijatrija 2 no.1-2:101-106 1954.
(TABES DORSALIS,
hist.develop. of concept)

KARMINSKI, W.

"Rapid determination of phosphate and sulfate by the method of complexometric titration."

p. 156 (Chemik) Vol. 10, no. 5, May 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

KARMINSKI, Wladyslaw; KULICKI, Zdzislaw

Ullmann synthesis of 2,2-bipyridine from 2-bromopyridine in the presence of various solvents. Chemia stosow A 9 no.1: 129-133 '65.

1. Department of Technology of Organic Chemistry of Silesian Technical University, Gliwice. Submitted March 27, 1964.

KARMINSKI, Wladyslaw; KULICKI, Zdzislaw; MAZONSKI, Tadeusz

Possibility of separating pseudocumene from solvent petroleum by fractional distillation and selective sulfonation and desulfonation. Koks 9 no.4:122-126 Jl-Ag '64.

1. Department of Technology of Organic Chemistry of the Silesian Technical University, Gliwice.

[illegible]

[illegible] (Warszawa, Poland) Vol. [illegible], no. 4, June 1957

[illegible] Monthly Index of East European Accessions (MIEE) LC Vol. [illegible], No. [illegible], 195[illegible]

KARMINSKI, W.

COUNTRY :
CATEGORY :

ABS. JOUR. : RZKhim., No. [illegible] 1959, No. 72443

AUTHOR :
INST. :
TITLE :

ORIG. PUB. : Chemia, 1958, [illegible]

ABSTRACT : [illegible]

CARD:

Country : POLAND
Category: Analytical Chemistry. Analysis of Inorganic Substances

Abs Jour: RZhKhim., No 17, 1959, No. 60468

Author : Karminski, W.
Inst : -
Title : Complexometric Titration. Pyridylazonaphthol as an Indicator for the Determination of Metals in Their Mixtures

Orig Pub: Chemic, 1958, 11, No 12, 401-402

Abstract: Described is the application of 1-(2-pyridylazo)-2-naphthol (I) as an indicator in the titation for Cu^{2+}, Zn^{2+}, Cd^{2+}, and Ni^{2+}, using a solution of complexon III (II) at pH of 2.5-10.0. In reaching the end point the red color, caused

Card : 1/3

Country : POLAND
Category: Analytical Chemistry. Analysis of Inorganic Substances

E

Abs Jour: RZhKhim., No 17, 1959, No 60468

by the presence of a complex of the titrated metal with I, is changed into yellow, which is characteristic to the solution of I. In the determination of Cu, the solution pH (containing < 0.5 m. mols of Cu^{2+}) is set at 2.5, then it is diluted up to approx. 75 ml, followed by the addition of 25 ml dioxane or methanol (in order to dissolve a colored complex formed during the addition of I), 6 drops of 0.1% methanol solution of I, and titrated with a 0.02 M solution of II. In the titrations for Zn^{2+} and Cd^{2+} pH of the solution is adjusted at the 5-6 level. In the determination of Zn^{2+} and Cd^{2+} in the presence of Cu^{2+},

Card : 2/3

KAWIN[illegible], [illegible].

Colorimetric determination of small amounts of copper. [illegible].

CHEMIA. (Ministerstwo Przemyslu Chemicznego i Stowarzyszenie Naukowo- Techniczne Inzynierow i Techników Przemyslu Chemicznego) Warszawa. Poland. Vol. 5, no. 2, February 1950.

Monthly List of East European Accessions (EEAI) LC. Vol. 3, no. 8, August 1950.

Uncl.

KARMINSKI, Wladyslaw

POLAND

GREGOROWICZ, Zbigniew, doc. dr; KULICKA, Joanna, mgr inz; KARMINSKI, Wladyslaw, dr inz

1. Department of Sanitary Chemistry (Katedra Chemii Sanitarnej)(for Gregorowicz and Kulicka); 2. Department of Organic Technology (Katedra Technologii Chemicznej Organicznej)(for Karminski). Polytechnic, Silesia, Gliwice (Politechniki Slaskiej, Gliwice) - (for all).

Warsaw, Chemia analityczna, No 6, November-December 1965, pp 1347-1351.

"Thin-layer chromatographic analysis of some pyridine derivatives."

ABS. JOUR. : RZKhim., No. 1959, No. 85977

AUTHOR : Karminski, W.

INST. :

TITLE : Dyestuffs as Indicators in [illegible]

ORIG. PUB. : Chemik, 1959, 12, No 6, 268-270

ABSTRACT : A review. Bibliography 10 references.

CARD:

68

KARMINSKIY, A.B., inzh. (g.Dnepropetrovsk); FRISHMAN, M.A., prof.(g.Dnepropetrovsk)

Sectional structures for track reconditioning. Put' i put. khoz. 5 no. 1:18-19 Ja '61. (MIRA 14:5)

(Railroad engineering)

VENEDIKTOV, N.M., inzh. (Dnepropetrovsk); KARMINSKIY, A.B., inzh. (Dnepropetrovsk)

Preventing the washout of slopes. Put' i put.khoz. 5 no.8:14-15 Ag '61. (MIRA 14:10)

1. Rukovoditel' gruppy zemlyanogo polotna Dneprogiprotransa (for Karminskiy).

(Railroads--Track)

KARMINSKIY, A. B., inzh.

Electrification of railroads and reconditioning of the roadbed. Put' i put. khoz. 6 no.9:17-19 '62. (MIRA 15:10)

1. Rukovoditel' gruppy zemlyanogo polotna Dneprogiprotransa.

(Railroads—Electrification)

KARMINSKIY, A.B.; BOGIN, N.M., kand. tekhn. nauk; KACHUR, S.I., inzh.; DUBININ, F.A., inzh.; VAKS, A.B., inzh.; DYNER, I.I.; ROSSIUS, L.V.

Reviews and bibliography. Transp. stroi. 15 no.4; 58-61 Ap '65. (MIRA 18:6)

1. Glavnyy spetsialist po zemlyanomu polotnu Dneprogiprotransa (for Karminskiy). 2. Glavnyy spetsialist po sanitarnoy tekhnike Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR (for Dyner). 3. Glavnyy energetik Volgobaltstroya (for Rossius).

KAR[illegible], D. E., Docent

LOCOMOTIVES - FUEL CONSUMPTION

Establishing fuel consumption standards for steam locomotives. Trudy Rost. inst. inzh. shel. transp. No. 15, 1949.

KARMINSKIY, D.E., kandidat tekhnicheskikh nauk, dotsent.

Solution of heat transfer equations for locomotive boiler pipes. Trudy RIIZHT no.17:37-45 '53. (MLRA 9:6)
(Heat--Transmission) (Locomotive boilers)

KAMINSKIY, David Emmanuilovich (Rostov on the Don Inst of RR Transp Engrs) awarded sci degree of Doc Tech Sci for the 20 Jun 56 defense of dissertation: "Research on the equilibrium of the basic series of locomotives in the USSR" at the Council, Mos Inst of RR Transp Engrs imeni Stalin; Prot No 17, 21 Jun 58.

(BMVO, 12-58,20)

KARMINSKIY, David Emmanuilovich, doktor tekhn.nauk, prof.; KORENEVSKIY, Vitaliy Ivanovich, aspirant; SERGEYEV, Grigoriy Matveyevich, assistent

Conversion of freight train brakes to an electropneumatic system. Izv. vysl ucheb. zav.; elektromekh. 3 no.4:120-128 '60. (MIRA 13:9)

1. Zaveduyushchiy kafedroy konstruksii i remonta lokomotivov Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta (for Karminskiy). 2. Kafedra gidravliki Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta (for Korenevskiy). 3. Rostovskiy institut inzhenerov zheleznorozhnogo transporta (for Serveyev).
(Railroads--Brakes)

KAZARINOV, Valentin Makarovich, doktor tekhn. nauk, prof.; KARVATSKIY, Bronislav Lyudvigovich, doktor tekhn. nauk, prof.; YASENTSEV, V.F., kand. tekhn. nauk; KARMINSKIY, D.E., prof., retsenzent; BOROVSKIY, G.M., kand. tekhn. nauk, retsenzent; KLYKOV, Ye.V., kand. tekhn. nauk, red.; KHITROV, P.A., tekhn. red.

[Designing and testing automatic brakes] Raschet i issledovanie avtotormozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 231 p. (MIRA 14:8)
(Railroads—Brakes)

KARMINSKIY, D.E., doktor tekhn.nauk, prof.; VOROB'YEV, V.I., inzh.

"Study of the horizontal dynamics of TG-100 diesel locomotives."
[Sbor.trud.] RIIZHT no.32:5-58 '61. (MIRA 16:12)

KARMINSKIY, D.E., prof., doktor tekhn.nauk; TEGKAYEV, Kh.N., dotsent, kand.tekhn.nauk; PROTASOV, V.Z., inzh.; VIKTOROV, I.V., laborant

"Study of the stresses in the frame and body of TE-3 diesel locomotives." [Sbor.trud.] RIIZHT no.32:59-96 '61. (MIRA 16:12)

KARMINSKIY, D.E., prof., doktor tekhn.nauk; KHRULEV, V.I., assistent;
BALASH, V.A., assistent

"Temperature conditions in braking." [Sbor.trud.] RIIZHT no.32:
190-230 '61. (MIRA 16:12)

KAZARINOV, V.M., doktor tekhn. nauk, zasl. deyatel' nauki i tekhniki RSFSR; KARMINSKIY, D.E., doktor tekhn. nauk, retsenzent ; OZOLIN, A.K., inzh., red.; KHITROVA, N.A., tekhn. red.

[Automatic brakes] Avtotormoza. Izd.2. Moskva, Transzheldorizdat, 1963. 238 p. (MIRA 16:9)
(Railroads—Brakes)

KAMINSKIY, D.M., doktor tekhn. nauk, prof.; KAPUNOV, M.P., starshiy prepodavatel'; ROGOSLAVSKIY, Ye.G., kand. tekhn. nauk

Comparing the action exerted on the track by locomotives with frame- or axle-mounted electric traction motors. Trudy PIIZHT no.44:3-16 '64.

Studying the natural vibrations of VL60 and VL40 electric locomotives. Ibid.:17-45

(MIRA 19:1)

KARMINSKIY, D.E., prof.; VOROB'YEV, V.I., inzh.

Studying the movement of TG-105 diesel locomotives on the curved sections of the track. Trudy RIIZHT no.44:46-88 '64.

(MIRA 19:1)

[illegible], D.M., doktor tekhn. nauk, prof.; [illegible], I.I., starshiy prepodavatel'; CHERNYAK, I.M., inzh.; [illegible], A.I., inzh.

Studying the sticking of the wheels of all-[illegible] cars. Trudy MIIZHT no.44:156-168 '64. (MIRA 19:1)

VAGIN, Nikolay Frolovich; KARMINSKIY, Mark Samar'yevich; POPOV, I.V., otv.red.; LIVSHITS, B.Ye., red.; VOLKOV, N.V., tekhn.red.

[The Danube River] Reka Dunai. Leningrad, Gidrometeor.izd-vo, 1960. 98 p. (MIRA 14:4)
(Danube Valley)

[redacted]

GORKIN, Z.D.; KARMILSKIY, M.S.; MIKHAYLOVSKAYA, Ye.F.; AL'BITSKAYA, Ye.S.; SNIGIREV, Ye.S.

Physiological and hygienic basis for an effective program of industrial training for locksmiths in trade schools. Gig.i san. no.12: 18-22 D '53. (MLRA 6:12)

1. Iz Khar'kovskogo meditsinskogo instituta i remeslennogo uchilishcha no. 4.
(Technical education--Curricula) (Fatigue)

AL'BITSKAYA, Ye.F., GORKIN, Z.D., KARMINSKIY, M.S., MIKHAYLOVSKAYA, YE.F. SNEGIREV, Ye.S.

Physiological and hygienic basis for the organization of stop training in machinery trade. Gig. i san. 23 no.9:35-38 S'58 (MIRA 11:11)

1. Iz kafedry gigiyeny truda Khar'kovskogo meditsinskogo instituta.
(INSDUSTRY AND OCCUPATIONS,
machinery indust. schools in Russia (Rus))
(SCHOOLS,
hygiene (Rus))

KARMINSKIY, M. S., SNEGIREV, YE. S., GORKIN, Z. D., AL'BITSKAYA, YE. F.

"Physiological hygienic principles of industrial training in the trade schools of machine building."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1969.

KARMINSKIY, N. S., inzh.

Using colored enameled wires with polyurethan insulation in manufacturing small collector machines. Vest. elektroprom. 31 no.5:63-66 My '60. (MIRA 13:8)
(Electric machinery)

GRODSKIY, Ya.S.; KARMINSKIY, V.D.

Burning natural gas in high-pressure jet burners. Gaz.prom. 4 no.1:26-29 Ja '59. (MIRA 12:1)
(Gas burners)

L 22726-66 EWT(d)/EEC(k)-2

ACC NR: AP6002927 (A) SOURCE CODE: UR/0286/65/000/024/0088/0088

AUTHORS: Karminskiy, V. D.; Magnitskiy, Yu. A.; Popov, A. D.

ORG: none

22
B

TITLE: Device for measuring indicated power. 9M Class 42, No. 177121

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 88

TOPIC TAGS: power meter, wattmeter, piston engine

ABSTRACT: This Author Certificate presents a device for measuring indicated power in the cylinder of piston engines. The device contains a pressure transducer, an amplifier, a double-coil wattmeter, and a control resistance. To obtain the arithmetic mean value of the indicated power of a piston engine, two synchronous generators are connected in one of the coils of the wattmeter (see Fig. 1).

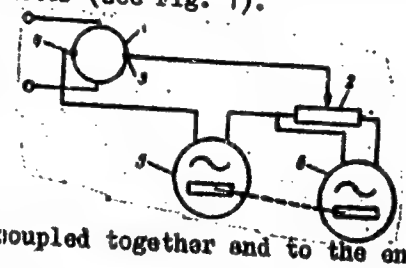


Fig. 1. 1 - wattmeter; 2 - control resistance; 3 and 4 - coil terminals of wattmeter; 5 and 6 - synchronous generators.

The shafts of the generators are rigidly coupled together and to the engine shaft. Orig. art. has: 1 diagram.

SUB CODE: 21/ SUBM DATE: 27May63

Card 1/1

UDC: 531.781.06

MAGNITSKIY, Yu.A.; KARMINSKIY, V.D.

Method for immediate measurement of mean indicated pressure in the cylinder of a piston engine. Avt.prom. 29 no.10:6-8 O '63. (MIRA 16:10)

1. Rostovskiy-na-Donu institut inzhenerov zheleznodorozhnogo transporta.

KARMINSKIY, V.D., inzh.

Decrease in the consumption of cooling water in holding furnaces. Prom. energ. 18 no.3:28-29 Mr '63.
(MIRA 16:6)
(Metallurgical furnaces—Water supply)

MAGNITSKIY, Yu.A., kand. tekhn. nauk; KARMINSKIY, V.D., inzh.

Errors in the dimensions of Van der Waals' constant given in reference tables. Teploenergetika 11 no.8:96 Ag '64. (MIRA 18:7)

ALIMOV, O.D.; RODIONOV, I.V.; MALIKOV, D.N.; KARMINSKIY, V.N.

Machines for upraise hole boring. Izv. TPI 106:178-192 '58.
(MIRA 11:11)
(Boring machinery)

RODINOV, I.V.; ROZENBERG, Yu.A.; KARMINSKIY, V.N.

Investigating reamers for upraise mining. Izv. TPI 106:193-212 '58.
(MIRA 11:11)

(Mining engineering) (Reamers)

KARMISHENSKIY, A. N.

Novoe v proizvodstve armaturnykh rabot [Recent developments in concrete reinforcement work]. Leningrad, 1953. 32 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 11 February 1954

KARMISHENSKIY, A.N., kand.tekhn.nauk; VORONTSOVA, V.D., inzh.;
IVANOV-SKOBLIKOV, P.V., red.; FREGER, D.P., tekhn.red.

[Submerged arc welding of joints of concrete reinforcements]
Elektrodugovaia vannaia svarka stykov armatury zhelezo-betonnykh konstruktsii. Leningrad, 1955. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.3(51)) (MIRA 10:12)
(Electric welding)

KOLYSHKIN, Nikolay Aleksandrovich; KABIN, Konstantin Vasil'yevich; KARMISHENSKIY, A.N., red.

[Preparation of seven-strand reinforcement wire at plants of the Main Administration for Construction in the Western Regions] Izgotovlenie semiprovolochnykh armaturnykh priadei na ustanovke Glavzapstroia. Leningrad, 1964. 19 p. (MIRA 17:9)

PODBORSKIY, Leonid Yermolayevich; IL'GISONIS, Viktor Konstantinovich; KARMISHENSKIY, A.N., kand. tekhn. nauk, retsenzent; PETRUK, V.Ya., kand. tekhn. nauk, red.; FOMICHEV, A.G., red. izd-va; PETERSON, M.M., tekhn. red.

[Machines for unloading and transportation of powder materials] Mashiny dlia razgruzki i transporta poroshkoobraznykh materialov. Moskva, Mashgiz, 1961. 192 p. (MIRA 15:8)
(Cement—Transportation) (Pneumatic conveying)

KARMISHENSKIY, A. N. (Docent, Cand. Tech Sci.)

"Machinery for production of pre-cast reinforced concrete sections."

report submitted for Intl Conf on Conveyor Engineering & Construction Machinery, Magdeburg, E. Germany, 7-12 Sep 64.

VAYNBOY,, David Iosifovich; KARMISHENSKIY, A.N., red.; GRIGOR'YEVA, I.S., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Automation of the welding of insertion parts in reinforced concrete elements]Avtomatizatsiia svarki zakladnykh chastei zhelezobetonnykh konstruktsii. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no.19)
(Reinforced concrete) (Welding) (MIRA 16:2)

LANTSOV, Vladimir Anatol'yevich, kand.tekhn.nauk; POLONSKIY, Lev Abramovich, inzh.; KARMISHENSKIY, A.N., kand. tekhn.nauk, red.

[Vacuum load-lifting devices in construction] Vakuumnye gruzozakhvatnye prisposobleniia v stroitel'stve. Leningrad, 1965. 17 p. (MIRA 18:10)

KARMISHEV, A.Ye.

How we achieved a production cost reduction in excess of plan.
Tekst.prom. 18 no.12:55 D '58. (MIRA 11:12)

1. Direktor Shemyshevskogo pen'kozavoda.
(Hemp--Costs)

KARMISHIN, A.V.

Method of solving a system of trinomial algebraic equations and its application to the solution of certain mathematical physics problems. Vest.Mosk.un. 10 no.8:39-45 Ag '55. (MLRA 9:1)

1. Kafedra teorii uprugosti.
(Mathematical physics) (Equations)

KARMISHIN, A.V. (Moskva)

Methods for solving systems of five-member algebraic equations pertaining to some problems of structural mechanics. Inzh. sbor. 25:111-121 '59. (MIRA 13:2)
(Equations--Numerical solutions) (Structures, Theory of)

KARMISHIN, A.V. (Moskva)

Stability of freely supported rectangular plates reinforced by stiffening ribs and subjected to uniform load. Inzh.sbor. 24:73-86 '56. (MLRA 10:5)

(Strains and stresses)

KARMISHIN, A.V.; SHOLUKHOVA, R.S.

Some formulas for the reduction of algebraic determinants to a polynomial form. Vop.mekh. no.193:3-10 '61. (MIRA 14:8)
(Functions, Algebraic)

KAR-MISHIN, A.V.

15(1);10(2) PHASE I BOOK EXPLOITATION SOV/2699

Akademiya nauk SSSR. Institut mekhaniki

Inzhenernyy sbornik, t. 25 (Engineering Symposium, Vol. 25) Moscow, Izd-vo AN SSSR, 1959. 218 p. Errata slip inserted. 2,200 copies printed.

Ed.: A.A. Il'yushin; Ed. of Publishing House: D.M. Ioffe; Tech. Ed.: Ye. V. Makunl.

PURPOSE: This book is intended for applied mathematicians, physicists and engineers.

COVERAGE: The book is a collection of articles published by the Department of Engineering Sciences of the Institute of Mechanics of the Academy of Sciences, USSR. The articles discuss various aspects of the mechanics of fluid mechanics, such as stress and bending of beams, shells, plates in a highly theoretical, i.e., mathematical, manner. problems are treated in a highly theoretical, i.e., mathematical, manner. References are given at the end of each article.

KARMISHIN, A. V.

Karmishin, A. V. "The power of air currents", (Wind motors), Illustrated by V. Buravlev, Znaniye--sila, 1949, No. 4, p. 17-19

SO: U-4631, 16 Sept. 1953, (letopis 'Zhurnal 'nykh Statey, No. 24, 1949)

KARMISHIN, A. V. PA 40/49T38

USSR/Engineering Sep 48
Generators, Wind-Driven
Generators, Electric

"The New Wind-Driven Motor D-18," A. V. Karmishin, Laureate of Stalin Prize, 4 pp

"Nauka i Zhizn'" No 9

Gives construction details of wind-driven motor D-18. Motor has a high-velocity wheel (18-meter diameter) and develops up to 3 hp on the pulley of the reducer. Seven D-18 assemblies were erected and tested in 1948, suitable for supplying electric energy for small railroad stations

40/49T38

USSR/Engineering (Contd) Sep 48

and settlements around them. Proposes interesting method to conserve energy, which consists of decomposing water during a high wind, and using compressed hydrogen to drive a motor during a calm.

40/49T38

KARPISHIN, A. V.

3[illegible] KARPISHIN, A. V. Vetrodvigateli kustarnoy postroyki. Fizkultura, 1949, No. 7, S. 20-24.

SO: Letopis', No. 31, 1949.

KARMISHIN, A. V.

36111 Malomoshchnyye vetroyelektricheskiye agregaty. Priroda, 1949, No. 11, S. 24-31

SO: Letopis' Zhrunal' nykh Statey, No. 49, 1949

KARMISHIN, A. PA 157T98

USSR/Radio - Generators, Wind-Driven Mar 50
Batteries, Charging

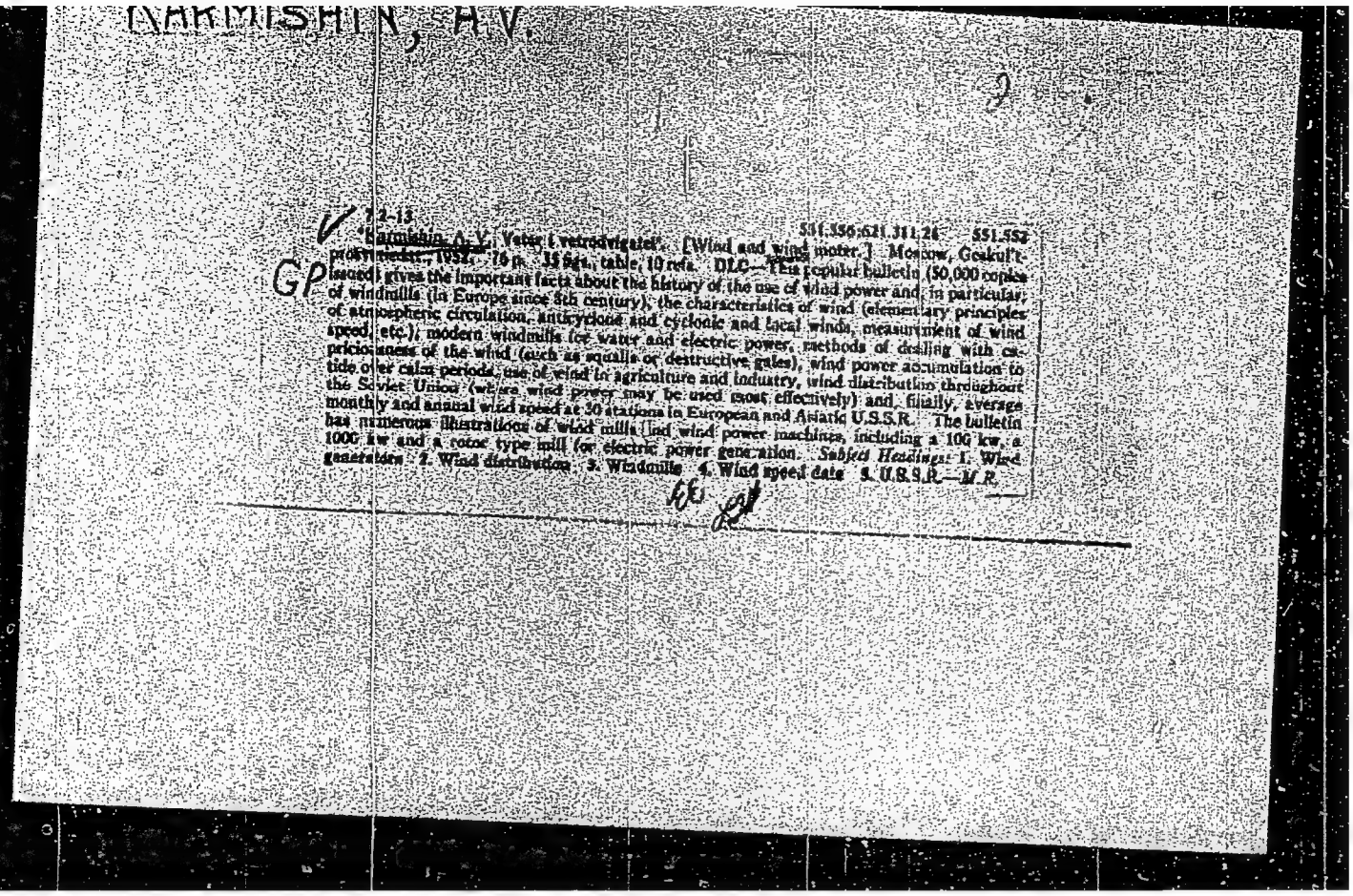
"The D-1.2 Wind Motor," A. Karmishin, 4 1/4 pp

"Radio" No 3

Describes in detail 120-watt wind-driven generator developed by VIM (All-Union Inst for Mech of Agr). Its purpose is to charge batteries for radio sets. Electrical components cost 150-200 rubles and other materials used are readily available.

[redacted]

157T98



KARMISHIN, A. V.

V 12-13

"Karmishin, A. V. Veter i vetrodvigateli". [Wind and wind motor.] Moscow, Geskul't-prosvizdat, 1952. 76 p. 35 fig., table, 10 refs. DLC—TEa popular bulletin ($0,000 copies issued) gives the important facts about the history of the use of wind power and, in particular, of windmills (in Europe since 8th century), the characteristics of wind (elementary principles of atmospheric circulation, anticyclone and cyclonic and local winds, measurement of wind speed, etc.), modern windmills for water and electric power, methods of dealing with capriciousness of the wind (such as squalls or destructive gales), wind power accumulation to tide over calm periods, use of wind in agriculture and industry, wind distribution throughout the Soviet Union (where wind power may be used most effectively) and, finally, average monthly and annual wind speed at 30 stations in European and Asiatic U.S.S.R. The bulletin has numerous illustrations of wind mills and wind power machines, including a 100 kw, a 1000 kw and a rotor type mill for electric power generation. *Subject Headings:* 1. Wind generators 2. Wind distribution 3. Windmills 4. Wind speed data 5. U.S.S.R.—*M P*

551.556:621.311.24 551.552

KARMISHIN, A.V.; FATEYEV, Ye.M., professor, nauchnyy redaktor; MESEN-TSEV, V.A., redaktor; AKHLAMOV, S.N., tekhnicheskiy redaktor.

[Making use of the wind] Veter i ego ispol'zovanie. Pod nauchn. red. E.M.Fateeva. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry. 1951. 62 p. (Nauchno-populiarnaia biblioteka, no.29) [Microfilm] (Wind power)

(MLRA 7:11)

KARMISHIN, A.

Letter to the Editor: On Windmills. (By A. Karmishin, Chief of USSR Ministry of Agriculture's Wind-Driven Devices Division, Stalin Prize Winner.)

Soviet Source: Izvestia, Oct. 15, p. 2, 1951

Current Digest of the Soviet Press (in [redacted] Library), Vol, 3, No. 42, 1951, P. 39

KARNICHI., K. V.

Veter i ego ispol'zovanie [Utilization of wind power]. Izd. 2-e. Moskva, Gosteknizdat, 1952. 64 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 2 May 1954.

KARMISHIN, A.

Letter to the Editor: Low-Capacity Wind-Generator Equipment For The Rural Comsumer. (By A. Karmishin, Chief of the Wind-Driven Installations Department of the U.S.S.R. Ministry of Agriculture and Stalin Prize Winner.

Soviet Source: Izvestia, Dec. 18, p. 2, 1952

Current Digest of the Soviet Press (in [redacted] Library), Vol, 3 , No. 51 , 1952, P. 28

KARMISHIN, A. V.

Agricultural Machinery

Universal D-12 wind-driven generator for mechanizing heavy labor on farms. Korm. baza 3, no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, Dedember 1952. Unclassified.

KHOLIN, A. V.

Kholin, A. V.

Vinil and its use, Volzhskiy ovets No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

KARMISHIN, A.

Windmills

Wind driven pumps on livestock farms. Kolkh. proizv. 12 no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

1. KAMYSHIN, A.
2. USSR (600)
4. Windmills
7. UTV-5 windmill, MTS, 12, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

1. KARMISHIN, A. V.

2. USSR (600)

4. Windmills

7. Using the VU-D10 windmill in mechanization of livestock farms, Dost. sel'khoz., No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

KARMISHIN, A. V.

4436. Veteriyego ispol'zovaniye. Pod nauch. red. E.M. Fateyeva! Syktyvkar, komi kn. izd, 1954. 56 s. S. Ill. 20 SM. (Nauch-popul. B-KA). 2.000 ekz. 85K. - NA komi Yaz. - (54-56091)

621.548

SO: Knizhnaya Letopsis', Vol. 1, 1955

KARMISHIN, A. V.

USSR/Miscellaneous

Card 1/1

Author : Karmishin, A. V., engineer

Title : Windmills for pumping

Periodical : Nauki i Zhizn' 21/2, 26-27, Feb/1954

Abstract : Power for pumping on all the Soviet farms would require 400 million kilowatt-hours per year. The use of windmills can save 75 percent of this. Various outfits are described including one that can lift 4 cubic meters of water per hour to a height of 40 meters.

Institution : .....

Submitted : .....

KARMISHIN, Aleksey Vasil'yevich; ISLANKINA, T.F., redaktor; FURMAN, G.V., tekhnicheskiy redaktor

[Modern windmills] Sovremennye vetrodvigateli. Moskva, Izd-vo "Znanie," 1956. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.4, no.30) (MLRA 10:4)
(Windmills)

KARMISHIN A.

AUTHOR: Karmishin, A., Engineer

25-7-50/51

TITLE: Windmill "Д-12"(Vetrodvigatel' Д-12)

PERIODICAL: Nauka i Zhizn', 1957, # 7, p 63 (USSR)

ABSTRACT: A new multipurpose windmill "Д-12" has been recently devised, which is mounted on a 16 m high tower and develops a maximum power of up to 15 HP at a wind velocity of 8 m per second. It is equipped with a centrifugal aerodynamic regulator providing an even rotation of the blades at high wind velocity. The wind-driven wheel has a diameter of 12 m and consists of three profiled hollow blades whose ends can turn in the direction of the wind. The wind-driven wheel turns in the direction of the wind by means of a vane. The windmill can be used for driving water pumps, feed mills, and electric generators.
The article contains one drawing.

AVAILABLE: Library of Congress

Card 1/1

GLUSHCHENKO, Vladimir Petrovich; KARMISHIN, A.V., inzh., retsenzent; SHEFTER, Ya.I., kand.tekhn.nauk, red.; SERDYUK, V.K., red.izd-va

[Using windmills in agriculture] Primenenie vetrodvigatelei v sel'skom khoziaistve. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 97 p. (MIRA 13:6)
(Windmills)

FATEYEV, Ye.M., prof., otv.red.; BYSTRITSKIY, D.N., red.; VASHKEVICH, K.P., red.; KARMISHIN, A.V., red.; SEKTOROV, V.R., red.; FEDOTOV, V.Ye., red.; FRANKFURT, M.O., red.; SHOLOMOVICH, G.I., red.; GOLOVKO, V.N., red.izd-vo; GUSEVA, I.N., tekhn.red.

[Problems in wind power] Voprosy vetroenergetiki. Moskva, Izd-vo Akad.nauk SSSR, 1959. 135 p. (MIRA 12:6)

1. Akademiya nauk SSSR. Energeticheskiy institut. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Fateyev).
(Wind power)

KARMISHIN, A.V.

New analogies between problems on the motion of a material point and problems on the equilibrium of a totally elastic string. Vop.mekh. no.193:11-21 '61. (MIRA 14:8)
(Mechanics, Analytic)

PHASE I BOOK EXPLOITATION SOV/5724

Moscow. Universitet.

Voprosy mekhaniki; sbornik statey. vyp. 193. (Problems of Mechanics; Collection of Articles. no. 193) [Moscow] Izd-vo Mos. univ., 1961. 169 p. Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova.

Ed.: L. N. Sretenskiy, Corresponding Member, Academy of Sciences USSR. Ed. (This vol.): I. Z. Pirogov; Tech. Ed.: G. I. Georgiyeva.

PURPOSE: This book is intended for engineers and scientific workers interested in the mechanics of materials, fluid dynamics, and radiation.

COVERAGE: The book contains articles on problems of algebra, nonlinear programming, motion of particles, elasticity, stress-strain, vibration, and flow of liquids. No personalities are mentioned. References follow all but one article.

Card 1/3

TABLE OF CONTENTS:

AVAILABLE: Library of Congress

Card 3/3

AC/dfk/ea
11-6-61

KARMISHIN, A.V. (Moskva)

Stability of arches on an elastic foundation. Inzh.zhur. 1 no.2: 168-174 '61. (MIRA 14:12)

(Arches)

SAVIN, G.N., otv.red.; ADADUROV, R.A., red.; ALUMYAE , N.A., red.; AMBARTSUMYAN, S.A., red.; AMIRO, I.Ya., red.; BOLOTIN, V.V., red.; VOL'MIR, A.S., red.; GOL'DENVEYZER, A.L., red.; GRIGOLYUK, E.I., red.; KAN, S.N., red.; KARMISHIN, A.V., red.; KIL'CHEVSKIY, N.A., red.; KISELEV, V.A., red.; KOVALENKO, A.D., red.; MUSHTARI, Kh.M., red.; NOVOZHILOV, V.V., red.; UMANSKIY,A.A., red.; FILIPPOV, A.P., red.; LISOVETS, A.M., tekhn. red.

[Proceedings of the Second All-Union Conference on the Theory of Plates and Shells]Trudy Vsesoiuznoi konferentsii po teorii plastin i obolochek.2d,Lvov, 1961.Kiev, Izd-vo Akad.nauk USSR, 1962. 581 p. (MIRA 15:12)

1. Vsesoyuznaya konferentsiya po teorii plastin i obolochek. 2, Lvov, 1961.

(Elastic plates and shells)

KARMISHIN, Aleksey Vasil'yevich, inzh.; SVIRIDENKO, V.V., nauchn. red.

[Sprinkler irrigation units] Dozhdeval'no-orositel'nye agregaty. Moskva, TSentr. nauchno-issl. in-t patentnoi informatsii i tekhniko-ekon. issl., 1964. 27 p.
(MIRA 18:8)

KARMISHINA, G.I.

Microfauna of Pliocene deposits in the lower basin of the Ural River. Dokl.AN SSSR 132 no.4:925-928 Je '60. (MIRA 13:5)

1. Nauchno-issledovatel'skiy institut geologii Saratovskogo gosudarstvennogo universiteta im. N.G.Chernyshevskogo. Predstavleno akademikom D.V.Nalivkinym.
(Ural Valley--Paleontology, Statigraphic)

KARMISHINA, G.I.

Boundary between the Akchagyl and Apsheron stages of the Caspian syneclise. Dokl.AN SSSR 136 no.1:169-171 Ja '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut geologii pri Saratovskom gosudarstvennom universitet im. N.G.Chernyshevskogo. Predstavleno akademikom D.V.Nalivkinym.
(Caspian Sea region—Geology, Stratigraphic)

KARMISHINA, G.I.

Stratigraphic division of the Upper Pliocene sediments of the Caspian Lowland based on microfauna. Uch.zap. SGU 74:151-154 '60. (MIRA 15:7)

(Caspian Lowland Depression--Paleontology, Stratigraphic)